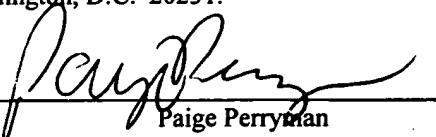


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Paige Perryman

PATENT

Applicant: Van Tassel et al.
Serial No.: 09/382,275
Filed: 08/25/1999
Title: IMPLANTABLE DEVICE
FOR PROMOTING
REPAIR OF A BODY
LUMEN
Examiner: Phan, H.
Group Art Unit: 3738
Atty Docket No.: 20220-311

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT AND RESPONSE TO REQUIREMENT FOR RESTRICTION

Commissioner of Patents
Washington, D.C. 20231

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Dear Sir:

In the response to the Official Action dated October 31, 2001, please amend the above-referenced application as follows:

In the Claims:

Please amend claims 44-50 to read as follows:

44. The active stent according to claim 43 wherein live cells are selected from the group consisting of endothelial cells, smooth muscle cells, leukocytes, monocytes, epithelial cells, polymorphonuclear leukocytes, lymphocytes, basophils, fibroblasts, stem cells, epithelial cells and eosinophils.

45. The active stent according to claim 44 wherein the live cells are smooth muscle cells, epithelial cells, or endothelial cells.

46. The active stent according to claim 43 wherein the stent further comprises a transcutaneously energized heating mechanism adapted to control the heating of the stent to a temperature sufficient to cause the live cells to increase production of one or more bioactive agents.

47. The active stent according to claim 46 wherein the bioactive agent stimulates angiogenesis and/or capillary formation.